

Metal Clad Cable Connectors

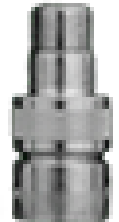


NWT

Non Water Tight

“How do you know you are Grounded?”

Our Scroll-On Design allows for 360 Degree **Hand Tight** Installation onto the cable
UL tested and approved **100% Ground**
Our connectors have been tested to 3 times the required **UL Pull-Out Rating**
Have the **confidence** you are installed correctly and properly grounded



NWTU

Non Water Tight Union



WT

Water Tight

Fast, Easy, and Safely Secured

The scroll makes terminating **Metal Clad Cable** a simple and easy process
without the hassle of using tools
Easiest installation with the one piece body, there are no internal components to loose
The Included **Removable Hub** for threaded entrances,
eliminates additional parts to purchase
We use 6061-T6 Copper-Free Aircraft Grade Aluminum,
extremely strong and lightweight



WTU

Water Tight Union



WTPC

Water Tight Pouring Chamber

Hazardous Location EZSeal System

3-5x faster potting vs spring style connectors
Included with order of Hazardous Location connectors
Mechanical Static mixing
Environmentally Safe 2 part resin (no hazardous materials)
Do not have to mix putty or resin by hand, contractors love the **“no mess”** process
Inspection Sealant Ports with Brass Screws
Allows for **Sealing after Connection** saving time without having to
disconnect lead wires during Inspection



WTUPC

Water Tight Union Pouring Chamber

Benefits in using American Connectors

Excellent Personal Customer Service
Direct/Drop Ship Programs available
Special/Custom Orders available

Optional Materials by request: 6061-T6 copper free aircraft grade aluminum, Stainless, Nickle-Plated Brass
Made in the USA

Environmentally Friendly by using recycled aluminum and recycled shavings

Hazardous Locations

Class I, Div. 1 & 2, Groups A,B,C,D

Class II, Div. 1 & 2, Groups E,F,G

Class III

WTUPC

American Connectors

PER FIT

For Use:

- Metal Clad (MC/MC-HL) Cable, Teck, Interlocked, & CCW
- Threaded Entrances
- Outdoor & Indoor Locations

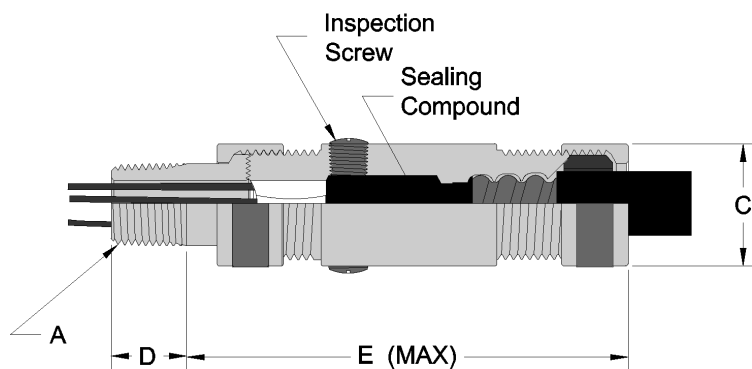
Features:

- 360° Hand-tight Grounding
- Tested to 3x UL required pull out
- EZ Sealant System (See EZ Sealant Sheet)
- Removable Hub
- Inspection Port with EZ screw
- Environmentally Friendly materials
- Standard Stock: 6061 Aluminum
- Special Materials: Brass, Stainless Steel

Listings & Compliances:

- E107930
- E150924
- Class I, Div 1 & 2, Groups ABC&D
- Class II, Div 1 & 2, Groups EF&G
- Class III
- UL 514B, 886, 2225
- Class 1 Zone 1 & 2
- NEMA 4 & IP56
- NEMA 7 & 9 (UL 2225 Sec. 30.1)

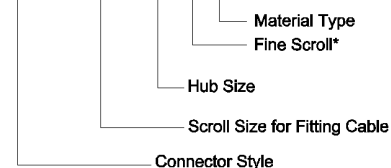
WTUPC



Part Number	Trade Size (NPT)	NPT Thread O.D.	Stock Dia.	NPT Thread Length	Outer Part Length	Overall Length
WTUPC	A	B	C	D	E	D+E
xxx-050	1/2"	0.84	1.25	0.78	4.67	5.5
xxx-075	3/4"	1.05	1.50	0.78	4.88	5.7
xxx-100	1"	1.32	2.00	0.99	5.55	6.5
xxx-125	1 1/4"	1.66	2.13	1.01	5.75	6.8
xxx-150	1 1/2"	1.90	2.50	1.03	6.47	7.5
xxx-200	2"	2.38	3.00	1.06	7.66	8.7
xxx-250	2 1/2"	2.88	3.75	1.57	8.56	10.1
xxx-300	3"	3.50	4.50	1.63	8.86	10.5
xxx-350	3 1/2"	4.00	5.00	1.68	9.40	11.1
xxx-400	4"	4.50	6.00	1.75	9.65	11.4

Part Numbering System

WTUPC XXX-YYY F xx =



*Fine Scroll Only applies to parts over 2 1/2"

Markings

Example of Marking:

cULUS Class I Group ABC&D
Class II Group EF&G
Class III

Perfit WTUPC 111-100 S3

Filling Compound

UL tested sealant for use with our
Hazardous Location Fittings
EZ Seal

American Connectors

PER FIT

For Use:

- Sealing Perfit Hazardous Location Fittings
- Sealing around electrical conductors in Hazardous Locations

Features:

- Environmentally friendly 2 part Urethane
- Low Viscosity to easily flow between conductors
- Static mixing nozzle for easy and consistent filling
- Dispensing gun for easy and near effortless potting
- Quick setting
- Cold temperature operation
- Bonds to wire and connector for air tight seal
- Single use cartridges available for individual fills



COMPARISON DP-600/601 SELF LEVELING AND 2131		
PROPERTY	DP 600/601	2131
WORK LIFE	70 SECONDS	17 MINUTES
Vertical Set time@ 75°F (23°C)	4 minutes	1 hour
FULL CURE Room Temp 75°F (23°C)	1 hour	24 hours
FULL CURE 50°F (10°C)	-	30 hours
FULL CURE 32°F (0°C)	-	36 hours
STOPS CURING @	20°F (-6.6°C)	Dramatic Increase in cure times below 0°C
OPERATING TEMP CONTINUOUS	-75°F (-51°C)	-40 to 194°F (-40 to 90°C)
EXTREME EXPOSURE/OVERLOAD	250°F (121°C)	-75 to 266°F (-51 to 130°C)
GLASS TRANSITION	N/A	-103°F (-75°C)
SHELF LIFE	1 YEAR	3 YEAR
STORAGE TEMP	60-80°F (15-27°C)	50-80° F (10-27°C)
STORAGE NOTES	* Product will work after being frozen for a short period if reheated to 75°F (23°C) and no crystals have formed. **Freezing will reduce shelf life.	* Product will work after being frozen for a short period if reheated to 75°F (23°C) and no crystals have formed. **Freezing will reduce shelf life.

Wet Locations

North American-Standard
Fittings for Wet Locations
WT, WTU

American Connectors

PER FIT

For Use:

- Metal Clad (MC, MCC, MCI, MCI-A) Cable, Teck, Interlocked, & CCW
- WTU used for Threaded Entrances
- WT used for Non Threaded Entrances
- Outdoor & Indoor Locations

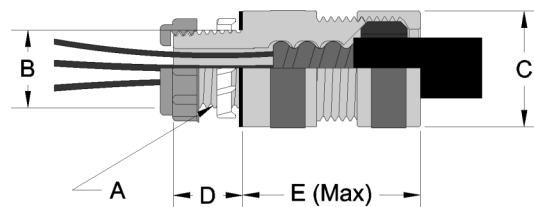
Listing & Compliances:

- UL Listing: E107930
- UL Standard: 514B
- UL Rain Tight
- NEMA 4 & IP54
- NEMA 6P*

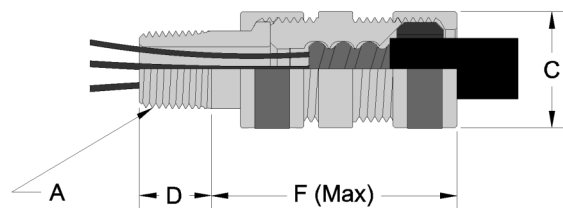
Features:

- 360° Hand-tight Grounding
- High Pull Out Resistance
- Environmentally Friendly
- Standard Stock: 6061 Aluminum
- Special Materials: Brass, Stainless Steel

WT



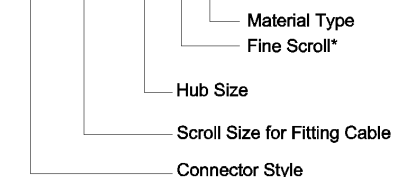
WTU



Part Number	Trade Size (NPT)	NPT Thread O.D.	Stock Dia.	NPT Thread Length	WT		WTU	
					Outer Part Length	Overall Length	Outer Part Length	Overall Length
WT/WTU	A	B	C	D	E	D+E	F	D+F
xxx-050	1/2"	0.84	1.25	0.78	1.42	2.2	2.87	3.7
xxx-075	3/4"	1.05	1.50	0.78	1.62	2.4	2.98	3.8
xxx-100	1"	1.32	2.00	0.99	1.72	2.7	3.43	4.4
xxx-125	1 1/4"	1.66	2.13	1.01	1.89	2.9	3.55	4.6
xxx-150	1 1/2"	1.90	2.50	1.03	2.38	3.4	4.29	5.3
xxx-200	2"	2.38	3.00	1.06	2.84	3.9	5.08	6.1
xxx-250	2 1/2"	2.88	3.75	1.57	3.23	4.8	5.80	7.4
xxx-300	3"	3.50	4.50	1.63	3.37	5.0	5.79	7.4
xxx-350	3 1/2"	4.00	5.00	1.68	3.42	5.1	6.20	7.9
xxx-400	4"	4.50	6.00	1.75	3.55	5.3	6.36	8.1

Part Numbering System

WT XXX-YYY F xx =



*Fine Scroll Only applies to parts over 2 1/2"

Markings

Example of Marking:

Perfit WTU 111-100 S3  US

Fire Rated Connectors

North American-Standard
Fire Rated Stainless Steel
WSE

American Connectors

PER FIT

For Use:

- Fire Rated Systems
- Indoor & Outdoor Locations
- Rockbestos Vitalink MC Fire Rated Cable
- NEMA 4x Stainless Steel Enclosures
- Emergency Transit lighting, communications, ventilation
- Emergency Fire Pumps
- Emergency Feeder Applications

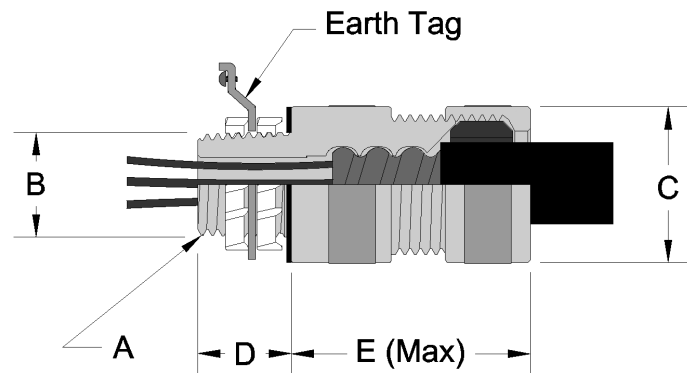
Listing & Compliances:

- FHIT 120
- E107930
- E343634
- UL MC Cable Fitting Standard 514B
- UL Rain Tight
- UL 541B, UL 467
- UL 2196 (2 Hr, Circuit integrity test)
- UL Tested with RSSC Fire Rated System 120
- NEMA 4 & IP56
- NEMA 6P (Through 2-1/2")

Features:

- 360° Hand-tight Grounding
- High Pull Out Resistance
- Environmentally Friendly
- Includes Double Locknuts, Earthtag, & Gasket
- Standard Stock: 303 Stainless Steel

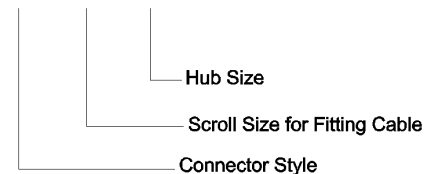
WSE



Part Number	Trade Size (NPT)	NPT Thread O.D.	Stock Dia.	NPT Thread Length	Outer Part Length	Overall Length
WSE	A	B	C	D	E	D+E
xxx-050	1/2"	0.84	1.25	0.78	1.42	2.2
xxx-075	3/4"	1.05	1.50	0.78	1.62	2.4
xxx-100	1"	1.32	2.00	0.99	1.72	2.7
xxx-125	1 1/4"	1.66	2.13	1.01	1.89	2.9
xxx-150	1 1/2"	1.90	2.50	1.03	2.38	3.4
xxx-200	2"	2.38	3.00	1.06	2.84	3.9
xxx-250	2 1/2"	2.88	3.75	1.57	3.23	4.8
xxx-300	3"	3.50	4.50	1.63	3.37	5.0
xxx-350	3 1/2"	4.00	5.00	1.68	3.42	5.1
xxx-400	4"	4.50	6.00	1.75	3.55	5.3

Part Numbering System

WSE XXX-YYY =



Markings

Example of Marking:

Perfit WT 111-100 S3 

Dry Locations

North American-Standard
Fittings for Dry Locations
NWT, NWTU

American Connectors

PER FIT

For Use:

- Metal Clad (MC, MCC, MCI, MCI-A) Cable, Teck, Interlocked, & CCW
- NWTU used for Threaded Entrances
- NWT used for Non Threaded Entrances
- Indoor & Concrete Tight when taped

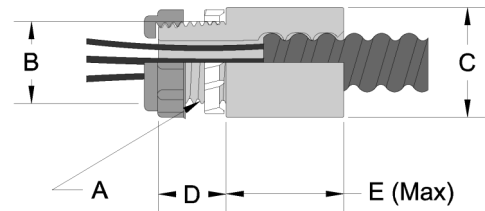
Listing & Compliances:

- UL Listing: E107930
- UL Standard: 514B

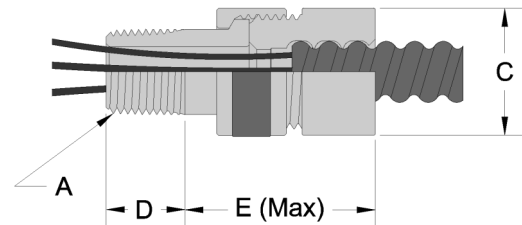
Features:

- 360° Hand-tight Grounding
- High Pull Out Resistance
- Environmentally Friendly
- Standard Stock: 6061 Aluminum
- Special Materials: Brass, Stainless Steel

NWT



NWTU



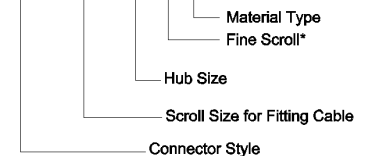
Markings

Example of Marking:

Perfit NWT 111-100 

Part Numbering System

NWTU XXX-YYY F xx =



*Fine Scroll Only applies to parts over 2 1/2"

Part Number	Trade Size (NPT)	NPT Thread O.D.	NPT Thread Length	NWT			NWTU		
				Stock Dia.	Outer Part Length	Overall Length	Stock Dia.	Outer Part Length	Overall Length
NWT	A	B	D	C	E	D+E	F	H	H+D
xxx-050	1/2"	0.84	0.78	1.125	1.12	1.90	1.25	1.82	2.6
xxx-075	3/4"	1.05	0.78	1.250	1.17	1.95	1.50	2.02	2.8
xxx-100	1"	1.32	0.99	1.625	1.21	2.19	2.00	2.12	3.1
xxx-125	1 1/4"	1.66	1.01	1.875	1.46	2.47	2.13	2.39	3.4
xxx-150	1 1/2"	1.90	1.03	2.250	1.93	2.95	2.50	3.08	4.1
xxx-200	2"	2.38	1.06	2.625	2.15	3.21	3.00	3.54	4.6
xxx-250	2 1/2"	2.88	1.57	3.250	2.51	4.08	3.75	4.23	5.8
xxx-300	3"	3.50	1.63	4.000	2.51	4.14	4.50	4.27	5.9
xxx-350	3 1/2"	4.00	1.68	4.500	2.88	4.56	5.00	4.62	6.3
xxx-400	4"	4.50	1.75	5.000	2.85	4.60	6.00	4.65	6.4

Earth Tags

North American-Standard
Grounding Tabs for use with Standard
NPT Sizes

American Connectors

PER FIT

For Use:

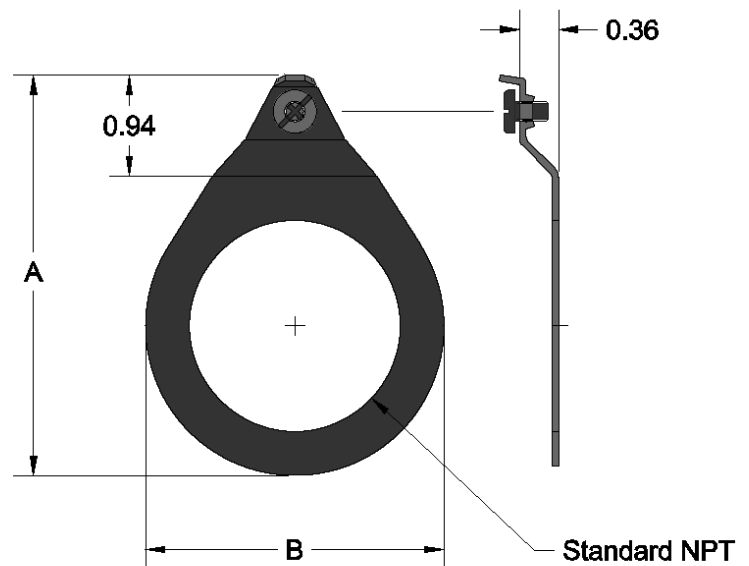
- WT-WSE Perfit Connectors
- Fire Rated installations
- Grounding systems using non-metallic enclosures

Listing & Compliances:

- UL and cUL listed E343634
- UL 467
- CSA C22.2 No. 41-07
- Meets all Buy American Requirements

Features:

- Fits standard NPT Sizes 1/2" to 4"
- Secured with Standard locknuts
- Standard Stock: 304 Stainless Steel



Part Number	NPT	A	B
ET 050	1/2	2.24	1.30
ET 075	3/4	2.44	1.50
ET 100	1	2.86	1.92
ET 125	1 1/4	3.34	2.40
ET 150	1 1/2	3.70	2.76
ET 200	2	4.19	3.25
ET 250	2 1/2	4.74	3.80
ET 300	3	5.54	4.60
ET 350	3 1/2	6.04	5.10
ET 400	4	6.69	5.75